

## New Buffalo Townships Water Quality Analysis

The Table below list all the EPA regulated contaminants detected in the Townships drinking water during 2020. **All contaminants detected were below allowable limits.**

Distribution system							
Substance	MRDL	MRDLG	Annual Running Average	Highest	Range of Detection	Violation Yes/No	Sources of Substance
Free Chlorine Residual	4.0	4.0	0.78	1.19	0.65-1.19	no	Water additive used for disinfection
Total Chlorine Residual	4.0	4.0	1.03	1.25	0.86-1.28	no	Water additive used for disinfection

Additional Distribution						
Substance	MRDL	Annual Running Average	Highest single sample	Range of Detection	Violation Yes/No	Sources of Substance
Total Trihalomethanes	80	65.0	65.0	65.0 (single sample)	no	By-Product of Disinfection
Total Haloacetic Acids	60	8.90	8.90	8.90 (single sample)	no	By-Product of Disinfection

Regulated at Customers Tap						
Substance	EPA's Action Level	EPA's MCLG	Your Water	Range of Results	Number of Samples Above AL	Typical Source of Contaminant
Copper*	1300 ppb	1300 ppb	2 ppb	0 ppb-4ppb	0	Lead service lines, corrosion of household plumbing including fittings and fixtures, erosion of natural deposits.
Lead*	15 ppb	15 ppb	0.2 ppm	.0 ppm-1.3 ppm	0	Corrosion of household plumbing

\*Lead & Copper- some monitoring is done less than once a year. Lead & Copper results were from 2019, our next sampling cycle will be 2022.